

THE PATENT OFFICE OF THE PEOPLE'S REPUBLIC OF CHINA

Address: 6 Xi Tu Cheng Lu, Haidian, Beijing

Post Code: 100088

Applicant:	MASCHINENFABRIK WIFAG	Date of Notification: 3 Date: 7 Month: 11 Year: 2004
Attorney:	Wang Jinglin	
Application No.:	No. 01145061.4	
Title of the Invention:	Imaging Device	

Notification of the First Office Action

1. ☒ The applicant requested examination as to substance on _____ and examination has been carried out on the above-identified patent application for invention under Article 35(1) of the Patent Law of the People's Republic of China(hereinafter referred to as "the Patent Law").
☐ The Chinese Patent Office has decided to examine the application on its own initiative under Article 35(2) of the Patent Law.
2. ☒ The applicant claimed priority/priorities based on the application(s):
 filed in DE on Nov. 27, 2000, filed in _____ on _____,
 filed in _____ on _____, filed in _____ on _____,
 filed in _____ on _____, filed in _____ on _____,
☒ The applicant has provided the priority documents certified by the Patent Office where the priority application(s) was/were filed.
☐ The applicant has not provided the priority documents certified by the Patent Office where the priority application(s) was/were filed and therefore the priority claim(s) is/are deemed not to have been made under Article 30 of the Patent Law.
☐ The application is a PCT continuation.
3. ☐ The applicant submitted amendments to the application on _____ and on _____, wherein the amended _____ submitted on _____ and the amended _____ submitted on _____ are not acceptable, because said amendments do not comply with ☐Article 33 of the Patent Law.
☐Rule 51 of the Implementing Regulations of the Patent Law.
 The specific reasons why the amendments are not allowable are set forth in the text portion of this Notification.
4. ☒ Examination as to substance was directed to the initial application documents as filed.
☐ Examination as to substance was directed to the documents as specified below:
 claims _____, pages _____ of the description and drawings _____ filed on the date of filing,
 claims _____, pages _____ of the description and drawings _____ submitted on _____,
 claims _____, pages _____ of the description and drawings _____ submitted on _____,
 and the abstract submitted on _____.
5. ☒ This Notification is issued without search reports.
☒ This Notification is issued with consideration of the search results.
☐ Below is/are the reference document(s) cited in this Office Action(the reference number(s) will be used throughout the examination procedure):

No.	Number(s) or Title(s) of Reference(s)	Date of Publication (or the filing date of conflicting application)
1	JP7-287165	Date: <u>31</u> Month: <u>10</u> Year: <u>1995</u>
2		Date: __ Month: __ Year: __
3		Date: __ Month: __ Year: __
4		Date: __ Month: __ Year: __
5		Date: __ Month: __ Year: __

6. Conclusions of the Action:

☐ On the Specification:

- ☐ The subject matter contained in the application is not patentable under Article 5 of the Patent Law.
- ☐ The description does not comply with Article 26 paragraph 3 of the Patent Law.
- ☐ The draft of the description does not comply with Rule 18 of the Implementing Regulations.

☒ On the Claims:

- ☐ Claim(s) _____ is/are not patentable under Article 25 of the Patent Law.
- ☐ Claim(s) _____ does/do not comply with the definition of inventions prescribed by Rule 2 paragraph 1 of the Implementing Regulations.
- ☐ Claim(s) _____ does/do not possess the novelty as required by Article 22 paragraph 2 of the Patent Law.
- ☐ Claim(s) _____ does/do not possess the inventiveness as required by Article 22 paragraph 3 of the Patent Law.
- ☐ Claim(s) _____ does/do not possess the practical applicability as required by Article 22 paragraph 4 of the Patent Law.
- ☒ Claim(s) 1-20 does/do not comply with Article 26 paragraph 4 of the Patent Law.
- ☐ Claim(s) _____ does/do not comply with Article 31 paragraph 1 of the Patent Law.
- ☐ Claim(s) _____ does/do not comply with the provisions of Rules 20-23 of the Implementing Regulations.
- ☐ Claim(s) _____ does/do not comply with Article 9 of the Patent Law.
- ☐ Claim(s) _____ does/do not comply with the provisions of Rule 12 paragraph 1 of the Implementing Regulations.

7. In view of the conclusions set forth above, the Examiner is of the opinion that:

- ☐ The applicant should make amendments as directed in the text portion of the Notification.
- ☒ The applicant should expound in the response reasons why the application is patentable and make amendments to the application where there are deficiencies as pointed out in the text portion of the Notification, otherwise, the application will not be allowed.
- ☐ The application contains no allowable invention, and therefore, if the applicant fails to submit sufficient reasons to prove that the application does have merits, it will be rejected.

8. The followings should be taken into consideration by the applicant in making the response:

- (1) Under Article 37 of the Patent Law, the applicant should respond to the office action within 4 months counting from the date of receipt of the Notification. If, without any justified reason, the time limit is not met, the application shall be deemed to have been withdrawn.
- (2) Any amendments to the application should be in conformity with the provisions of Article 33 of the Patent Law. Substitution pages should be in duplicate and the format of the substitution should be in conformity with the relevant provision contained in "The Examination Guidelines".
- (3) The response to the Notification and/or revision of the application should be mailed to or handed over to the "Reception Division" of the Patent Office, and documents not mailed or handed over to the Reception Divisions have no legal effect.
- (4) Without an appointment, the applicant and/or his agent shall not interview with the Examiner in the Patent Office.

9. This Notification contains a text portion of 1 pages and the following attachments:

- ☒ 1 cited reference(s), totaling 6 pages. ☐

Examination Dept. 5

Examiner: F. HE

Seal of the Examination Department

THE ENGLISH TRANSLATION OF THE FIRST OFFICE ACTION

As stated in the description of the patent application, the present invention relates to an imaging device. After examination, the examiner's comments are as follows.

1. The terms "spherical lens" and "aspherical lens" used in the claims 1-20 are ambiguous, not being able to be supported by the embodiments in which only cylinder lens is disclosed

2. The technical solution claimed in the independent claim 1 lacks the novelty as required by Article 22(2) of the Chinese Patent Law. An optical system of the ink jet printer is disclosed in Reference 1 (JP7-287165), see paragraph 0021 and the Fig. 1 of the Reference 1. With respect to the Reference 1, all features of the claim 1 of the present invention are also disclosed in the Reference 1, so that the claim 1 lacks the required novelty over the Reference 1.

3. The additional technical features of the claims 2 and 7 are common knowledge to those skilled in the art. Therefore, while the claim 1 to which the claims 2 and 7 refer can not be allowed for lacking the required novelty, the technical solutions claimed in claims 2 and 7 have no prominent substantive features and represent no notable progress, that is, lack the inventive step.

4. The claims 3 and 4 are dependent ones of the claim 1. However, the term "said asymmetrical lens" appearing in the claims 3 and 4 is never used in the claim 1.

5. The claims 5 and 6 are dependent ones of the claim 1. However, the term "said symmetrical lens" appearing in the claims 5 and 6 is never used in the claim 1. In addition, in the claim 1, the wording "in a first direction" and the wording "in a second direction" fail to be clearly defined, for those skilled in the art has no way to know how the first and second directions are oriented.

6. In the claims 8-11, the referring portion "A lens system in combination accordance with claim ..." shall be rewritten as "A lens system according to claim ...".

7. With respect to the claim 12, some features thereof are disclosed in the Reference 1, other features are common knowledge. Therefore, the claim 12 lacks the required inventive step over the Reference 1.

8. The feature "*such that a strip is produced which has a width that approximately corresponds to the width of the area element to be exposed, wherein the strip has a height that is smaller than the height of the area element to be exposed; and leading the laser light strip generated over the area element to be exposed such that the entire height of the area element to be exposed is swept by the strip*" appearing in the claim 12 is never illustrated in the embodiments, so that the claim 12 cannot be supported by the description of this application.

9. The terms "spherical lens" and "aspherical lens" used in the description are also ambiguous to those skilled in the art.

Owing to the above-mentioned reasons, the present application cannot be allowed according to the present text. The applicant should make a response to this office action before the due time to overcome all of the problems raised herein, and pay attention that the amendments to the application should comply with Article 33 of the Chinese Patent Law, and cannot go beyond the scope of the disclosure contained in the originally filed description and claims.



E2-DF

(21) (A1) **2,260,565**

(22) 1999/01/26

(43) 2000/07/26

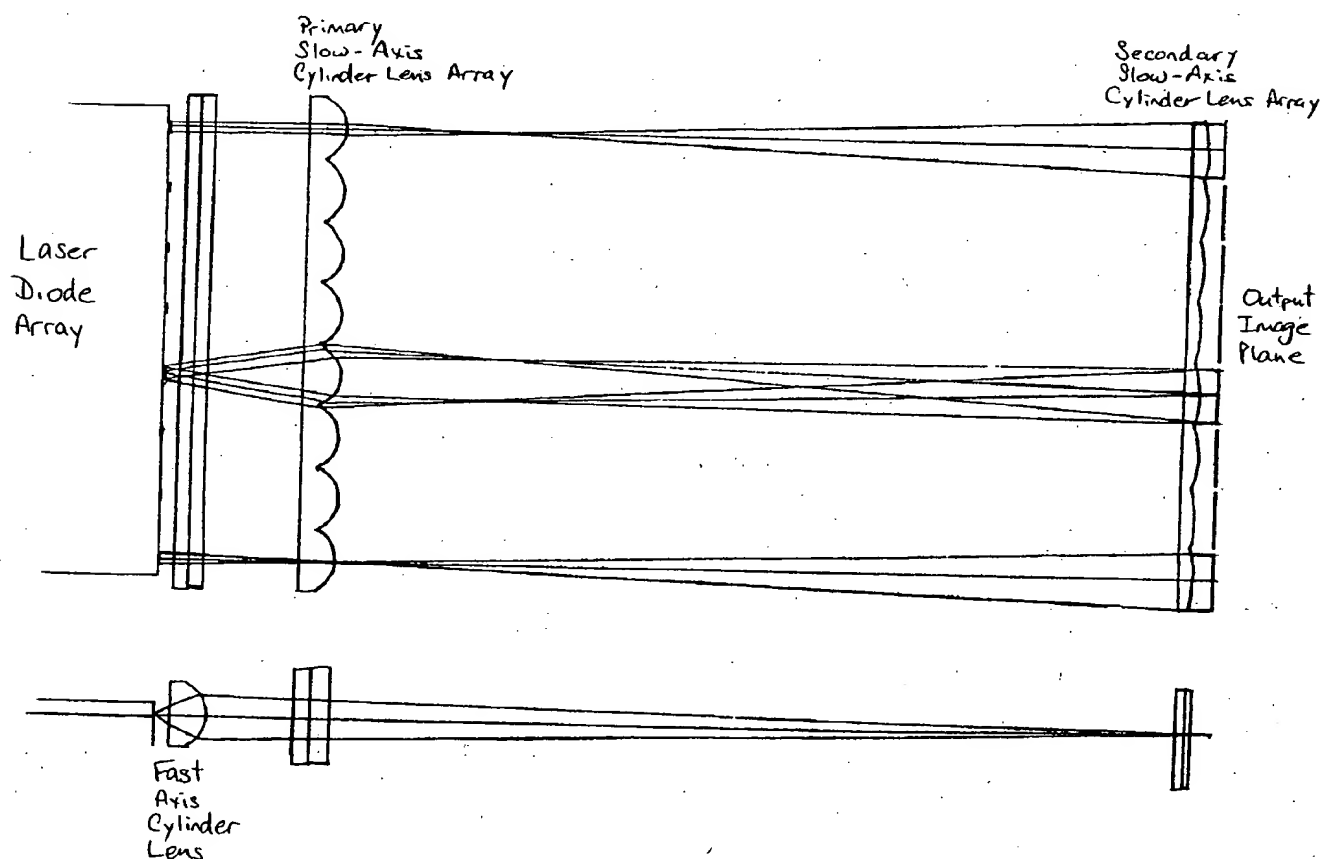
(72) MONTGOMERY, Derek G., CA

(71) SYMBOLIC SCIENCES INTERNATIONAL INC., US

(51) Int.Cl.⁶ G02B 27/09, B41J 2/455, H01S 3/103

(54) **METHODE EN VUE DE COMBINER LA SORTIE D'UN RESEAU
DE DIODES LASER EN UN SEUL FAISCEAU
TELECENTRIQUE**

(54) **METHOD FOR COMBINING THE OUTPUT OF A LASER DIODE
ARRAY INTO A SINGLE TELECENTRIC STRIPE**





P.B. 5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
TX +31 70 340 2040
FAX +31 70 340 3016

Europäisches Patentamt

Zweigstelle
in Den Haag
Recherchen-
abteilung

European Patent Office

Branch at
The Hague
Search
division

Office européen des brevets

Département à
La Haye
Division de la
recherche

Maschinenfabrik Wifag
Wylerringstrasse 39
Postfach
3001 Bern
SUISSE

Datum/Date

03.12.03

Zeichen/Ref./Réf.

1294-EP

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

01811138.5-1234-

Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire

Maschinenfabrik Wifag

MITTEILUNG

Das Europäische Patentamt übermittelt beiliegend den europäischen Recherchenbericht zu der obengenannten europäischen Patentanmeldung.

Wenn zutreffend, Kopien der im Recherchenbericht aufgeführten Schriften sind beigelegt.

☐ Zusätzliche Kopie(n) der im europäischen Recherchenbericht angeführten Schriftstücke sind beigelegt.

Die folgenden Angaben des Anmelders wurden von der Recherchenabteilung genehmigt:

☒ Zusammenfassung

☒ Bezeichnung

☐ Die Zusammenfassung wurde von der Recherchenabteilung abgeändert und der endgültige Wortlaut ist dieser Mitteilung beigelegt.

Die folgende Abbildung wird mit der Zusammenfassung veröffentlicht:

1



RÜCKERSTATTUNG DER RECHERCHENGEBÜHR

Falls Artikel 10 der Gebührenordnung in Anwendung kommt, ergeht noch eine gesonderte Mitteilung der Eingangsstelle hinsichtlich der Rückerstattung der Recherchegebühr.



Europäisches
Patentamt

EUROPÄISCHER RECHERCHENBERICHT

Nummer der Anmeldung
EP 01 81 1138

EINSCHLÄGIGE DOKUMENTE			
Kategorie	Kennzeichnung des Dokuments mit Angabe, soweit erforderlich, der maßgeblichen Teile	Betrifft Anspruch	KLASSIFIKATION DER ANMELDUNG (Int.Cl.7)
X	EP 0 915 541 A (PRESSTEK INC) 12. Mai 1999 (1999-05-12) * Absätze '0031!-'0034!; Abbildung 3 * ---	1-9	B41C1/10 G02B27/09 G02B3/06
X	US 5 790 576 A (ENDRIZ JOHN ET AL) 4. August 1998 (1998-08-04) * Abbildungen 1-4,7,11 * ---	1-7	
X	EP 0 841 806 A (KANEDA KIKAI SEISAKUSHO KK) 13. Mai 1998 (1998-05-13) * Zusammenfassung * ---	8,9	
X	EP 0 992 350 A (BARCO GRAPHICS NV) 12. April 2000 (2000-04-12) * Zusammenfassung * -----	8,9	
			RECHERCHIERTE SACHGEBIETE (Int.Cl.7)
			G02B B41C
Der vorliegende Recherchenbericht wurde für alle Patentansprüche erstellt			
Recherchenort DEN HAAG		Abschlußdatum der Recherche 21. November 2003	Prüfer Scheu, M
KATEGORIE DER GENANNTEN DOKUMENTE X : von besonderer Bedeutung allein betrachtet Y : von besonderer Bedeutung in Verbindung mit einer anderen Veröffentlichung derselben Kategorie A : technologischer Hintergrund O : mündliche Offenbarung P : Zwischenliteratur T : der Erfindung zugrunde liegende Theorien oder Grundsätze E : älteres Patentdokument, das jedoch erst am oder nach dem Anmeldedatum veröffentlicht worden ist D : in der Anmeldung angeführtes Dokument L : aus anderen Gründen angeführtes Dokument & : Mitglied der gleichen Patentfamilie, übereinstimmendes Dokument			

1

ANHANG ZUM EUROPÄISCHEN RECHERCHENBERICHT ÜBER DIE EUROPÄISCHE PATENTANMELDUNG NR.

EP 01 81 1138

In diesem Anhang sind die Mitglieder der Patentfamilien der im obengenannten europäischen Recherchenbericht angeführten Patentdokumente angegeben.

Die Angaben über die Familienmitglieder entsprechen dem Stand der Datei des Europäischen Patentamts am

Diese Angaben dienen nur zur Unterrichtung und erfolgen ohne Gewähr.

21-11-2003

Im Recherchenbericht angeführtes Patentdokument		Datum der Veröffentlichung	Mitglied(er) der Patentfamilie		Datum der Veröffentlichung
EP 0915541	A	12-05-1999	US	5990925 A	23-11-1999
			AU	724656 B2	28-09-2000
			AU	8951498 A	27-05-1999
			EP	0915541 A2	12-05-1999
			JP	11243241 A	07-09-1999
			TW	398102 B	11-07-2000

US 5790576	A	04-08-1998	US	6222864 B1	24-04-2001

EP 0841806	A	13-05-1998	JP	2905746 B2	14-06-1999
			JP	10142805 A	29-05-1998
			CA	2219396 A1	06-05-1998
			EP	0841806 A2	13-05-1998
			IL	121958 A	16-07-2000
			KR	234522 B1	15-12-1999
			US	6348941 B1	19-02-2002
			US	5978010 A	02-11-1999

EP 0992350	A	12-04-2000	US	6204875 B1	20-03-2001
			EP	0992350 A1	12-04-2000